

99197: 0-100 PPM O₂

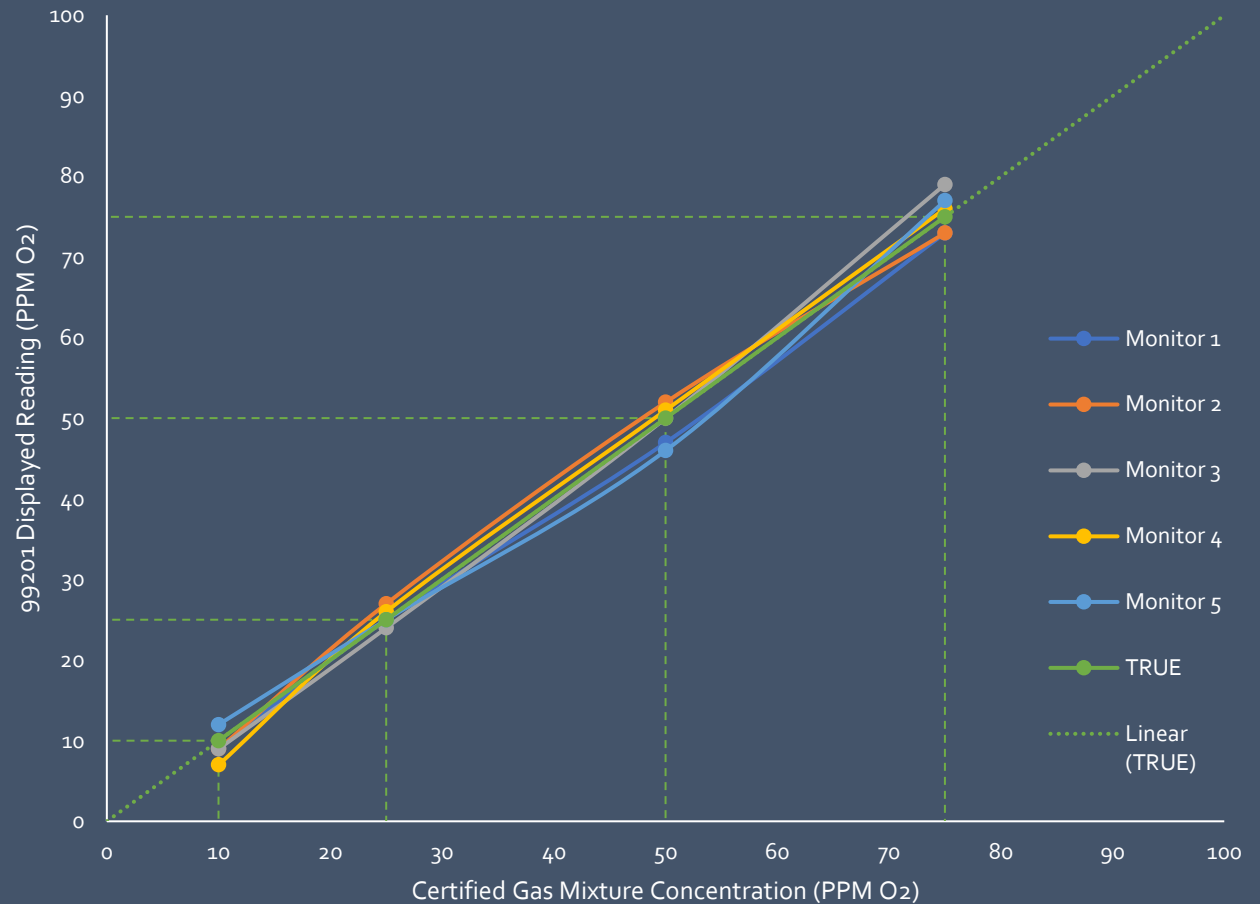
Calibration & Repeatability Testing

Factory Calibration

- Monitor is factory calibrated using 4 separate gases:
 - 10 PPM O₂
 - 25 PPM O₂
 - 50 PPM O₂
 - 75 PPM O₂
- Can be field calibrated as required using only 50 PPM O₂ in N₂ balance
- Calibrated using PureAire 83052 test cap

Note: PureAire cannot supply calibration gas

99197 0-100PPM O₂ Readings



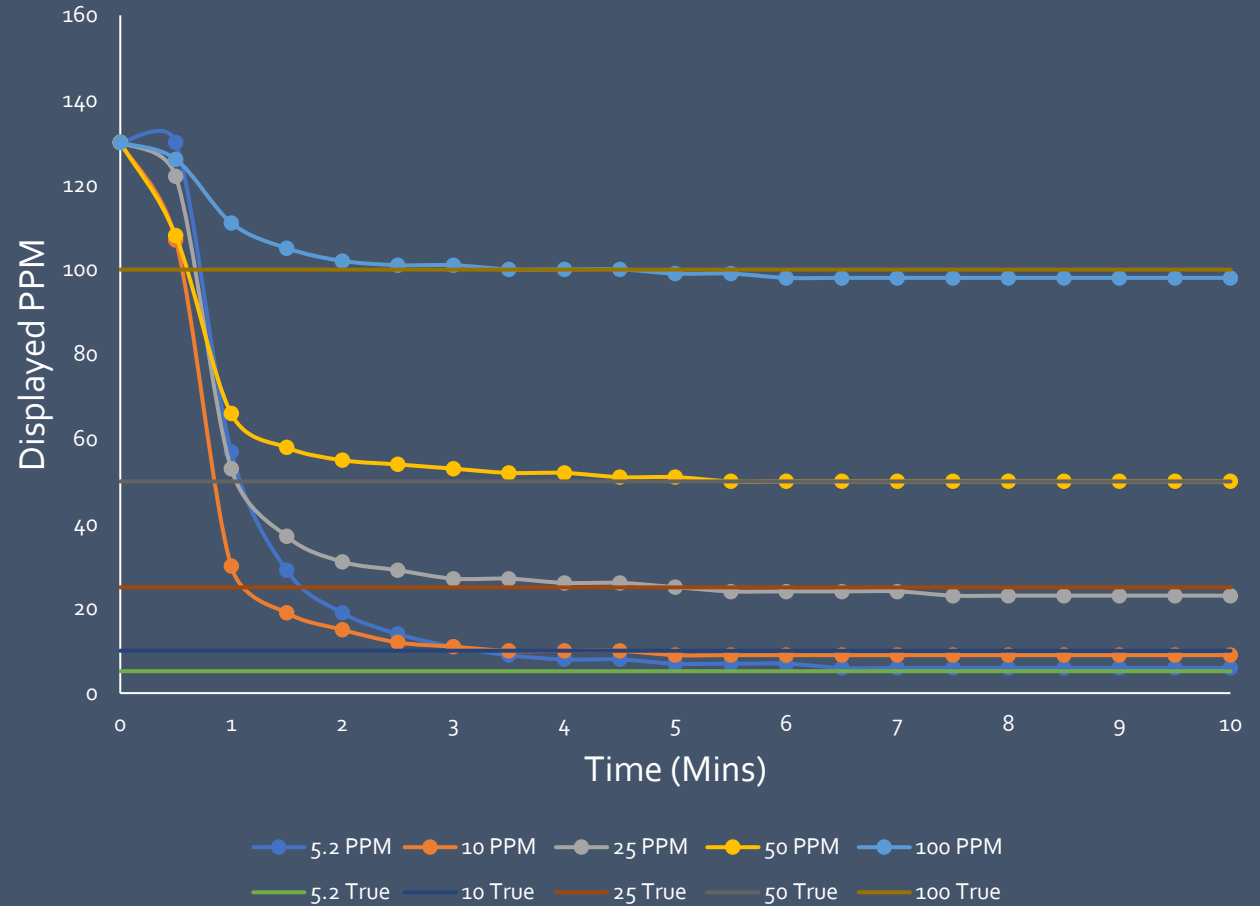
Field Calibration

Using 50 PPM O₂ in N₂ Balance and calibration cap 83052 or in mounted location:

- Flow gas over the sensor at 500 ccs or 0.5 LPM for at least 3 minutes before adjusting
- After 3 minutes, adjust the sensor span until the sensor reads 50 PPM
- Continue to flow gas until 3 more minutes have elapsed while adjusting further

Note: Gas can be substituted for your desired gas but may cause inaccuracies

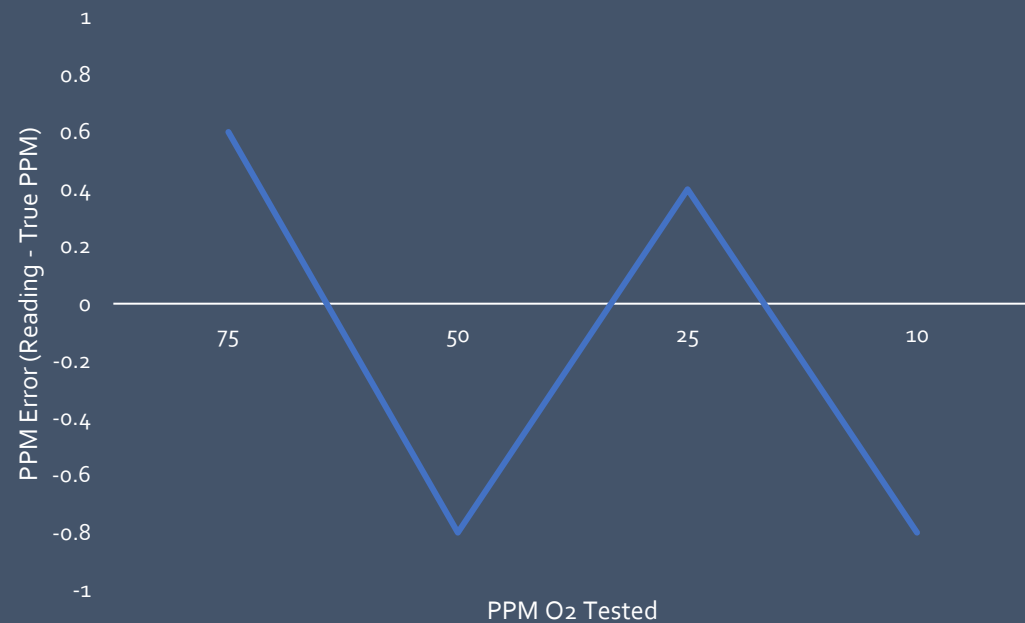
Displayed Readings, 99197 0-100 PPM O₂ Monitor



Accuracy

Overall Average

Average of Five (5) 99201 0-10PPM O₂ Monitors, Error (Reading - True PPM)



Individual Accuracy

99197 0-100PPM O₂, Error (Displayed Reading - True PPM O₂)

